

# Product information

## Radiator Antifreeze KFS 11

PI 59/01/07/2020



### Description

Radiator antifreeze based on ethylene glycol. Combination of active agents formulated using a special selection of inhibitors based on hybrid technology. Provides outstanding protection against frost, corrosion and overheating, and does not contain amines, nitrites or phosphates. If mixed with water in the right ratio, ensures reliable vehicle performance all year round.

### Properties

- outstanding corrosion protection
- prevents the cooling system from freezing up
- provides outstanding protection against overheating
- prevents operational malfunctions

### LIQUI MOLY also recommends this product for vehicles or assemblies for which the following specifications or original part numbers are required:

Alfa Romeo 9.55523 • Audi TL-774 C = G11 • Behr • BMW GS 94000 • Chrysler MS-7170 • CUMMINS 85T8-2 • Deutz DQC CA-14 • Fiat 9.55523 • Iveco-Standard 18-1830 • JI Case JIC-501 • Lada/Avtovaz TTM VAZ 1.97.717-97 • Lancia 9.55523 • MAN 324 Typ NF • MB 325.0 • MB 325.2 • MTU MTL 5048 • Opel/GM GME L 46014 • Perkins • Porsche TL-774 C = G11 • Saturn • Seat TL-774 C = G11 • Skoda TL-774 C = G11 • Toyota Motor Corporation • Vauxhall GMEL1301 • Volkswagen TL-774 C = G11 • Volvo Cars 128 6083 / 002 • Volvo Construction • Volvo Trucks

### Technical data

|   |   |
|---|---|
| Density at 20 °C                        | 1,113 g/cm <sup>3</sup>   |
| Water content                           | 3,5 % w/w max   |
| pH value                                | 7,2   |
| Base                                    | Ethylenglykol mit Inhibitoren / Ethylene glycol with inhibitors |
| Color / appearance                      | blau / blue   |
| Flash point                             | 122 °C  |
| Boiling point                           | 174 °C  |
| Odor                                    | mild / mild   |
| Shelf life in original sealed container | 60 months   |
| Recommended storage temperature         | -20 bis +35 / -20 to +35 °C                                     |



### Areas of application

For engines made of cast iron, aluminum or a combination of the two as well as cooling systems with aluminum and/or copper alloys. For cars, commercial vehicles, motorcycles, agricultural machines as well as stationary engines and devices that require a radiator antifreeze of this quality.

### Application

Clean the cooling system with LIQUI MOLY Radiator Cleaner (Part no. 3320). Empty the cooling system and rinse with plenty of water. Fill with radiator anti-freeze KFS 11 and water according to the mixing table. We recommend distilled water for this. Depending on water hardness and quality (hardness not greater than 3.566 mmol/l), dilution with tap water is also possible. Disposal according to the local regulations. Change interval according to manufacturer's instructions. Store undiluted only. Miscible with coolants based on ethylene glycol.

### MIXING TABLE

| Frost protection | Water   | Protection up to |
|------------------|---------|------------------|
| 1 part           | 2 parts | -20 °C           |
| 1 part           | 1 part  | -40 °C           |
| 2 parts          | 1 part  | -68 °C           |

### Available pack sizes

|                        |            |
|------------------------|------------|
| 1 l Canister plastic   | 21149      |
|                        | D-GB-I-E-P |
| 1 l Bottle plastic     | 1380       |
|                        | GB-ARAB-F  |
| 5 l Canister plastic   | 21150      |
|                        | D-GB-I-E-P |
| 20 l Canister plastic  | 21127      |
|                        | D-GB       |
| 60 l Drum sheet metal  | 21128      |
|                        | D-GB       |
| 200 l Drum sheet metal | 21129      |
|                        | D-GB       |

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**Our information is based on thorough research and may be considered reliable, although not legally binding.**